

=> d que lle
'L1E' IS NOT VALID HERE

=> d que l1
L1 1 SEA FILE=REGISTRY ABB=ON PLU=ON LOSARTAN/CN

=> d ide can

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 114798-26-4 REGISTRY
 CN 1H-imidazole-5-methanol, 2-butyl-4-chloro-1-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)

OTHER NAMES:

CM DUP 89
 CM Lortan
 CN Losartan
 FS 3D CONCORD
 MF C22 H23 Cl N6 O
 CI COM
 SR CA

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*,
 BIOSBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,
 CEN, CHEMCATS, CHEMINFORMRX, CIN, CSCHEM, DDFU, DIOGENES, DRUGU, EMBASE,
 HSDB*, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, MEDLINE, MRCK*, PROMT,
 RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: WHO

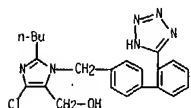
L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)

REFERENCE 7: 139:374680

REFERENCE 8: 139:374659

REFERENCE 9: 139:369862

REFERENCE 10: 139:364939



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1659 REFERENCES IN FILE CA (1907 TO DATE)
 18 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 1666 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:379164

REFERENCE 2: 139:377743

REFERENCE 3: 139:375580

REFERENCE 4: 139:375275

REFERENCE 5: 139:375012

REFERENCE 6: 139:374773

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Page 3

=> s eprosartan/cn

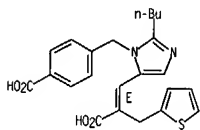
L2 1 EPROSARTAN/CN

=> d ide can

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 133040-01-4 REGISTRY
 CN 2-Thiophenepropanoic acid, .alpha.-[[2-butyl-1-[(4-carboxyphenyl)methyl]-1H-imidazol-5-yl]methylene]-, (.alpha).E)- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 2-Thiophenepropanoic acid, .alpha.-[[2-butyl-1-[(4-carboxyphenyl)methyl]-1H-imidazol-5-yl]methylene]-, (E)-
 OTHER NAMES:
 CN (E)-2-Butyl-1-(p-carboxybenzyl)-.alpha.-2-thenylimidazole-5-acrylic acid
 CN Eprosartan
 CN SKB 108566
 CN SKF 108566
 FS STEREOSEARCH
 MF C23 H24 N2 O4 S
 CI COM
 SR CA
 LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, BIOTECHNO. CA, CANCERLIT, CAPLUS, CASREACT, CBIB, CHEMINFORMRX, CIN, DIOGENES, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, PHAR, PROMT, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: WHO

L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)
 REFERENCE 3: 139:285472
 REFERENCE 4: 139:256390
 REFERENCE 5: 139:240367
 REFERENCE 6: 139:240004
 REFERENCE 7: 139:224112
 REFERENCE 8: 139:224059
 REFERENCE 9: 139:223365
 REFERENCE 10: 139:207790

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

224 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 226 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:375012

REFERENCE 2: 139:345003

=> e candesartan

| | | |
|-----|-------|----------------------|
| E1 | 1 | CANDESALVOQUIN/BI |
| E2 | 1 | CANDESALVOQUINONE/BI |
| E3 | 2 --> | CANDESARTAN/BI |
| E4 | 1 | CANDEX/BI |
| E5 | 1 | CANDGA307/BI |
| E6 | 23092 | CANDI/BI |
| E7 | 2 | CANDIATE/BI |
| E8 | 17 | CANDICAN/BI |
| E9 | 16 | CANDICANDI/BI |
| E10 | 16 | CANDICANDIOL/BI |
| E11 | 2 | CANDICANIN/BI |
| E12 | 1 | CANDICANOSIDE/BI |

=> s ee

| | | |
|----|-----|-------------|
| | 120 | EE |
| | 1 | EES |
| L3 | 121 | EE |
| | | (EE OR EES) |

=> s e3

| | | |
|----|---|----------------|
| L4 | 2 | CANDESARTAN/BI |
|----|---|----------------|

=> d 1-2 ide can

```

L4 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN
RN 145400-37-5 REGISTRY
CN 1H-Benzimidazole-7-carboxylic acid, 2-ethoxy-1-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-, 1-[[[cyclohexyloxy]carbonyl]oxy]ethyl ester (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1H-Benzimidazole-7-carboxylic acid, 2-ethoxy-1-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-, 1-[[[cyclohexyloxy]carbonyl]oxy]ethyl ester. (+,-)-
OTHER NAMES:
CN (+,-)-1-Hydroxyethyl 2-ethoxy-1-[p-(o-1H-tetrazol-5-ylphenyl)]1-7-benzimidazolecarboxylate, cyclohexyl carbonate (ester)
CN Atacand
CN Candesartan cilexetil
CN TCV 116
CN TCY 116
FS 3D CONCORD
DR 139481-74-6, 198077-85-9
MF C33 H34 N6 O6
SR CA
LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNN, CHEMCATS, CIN, ODFU, DIOGENES, DRUGU, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, PHAR, PROMT, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPATZ, USPATFULL
(*File contains numerically searchable property data)
Other Sources: WHO

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L4 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)

PAGE 2-A

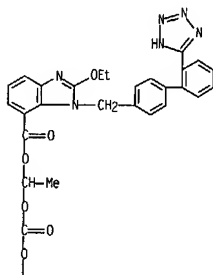


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

374 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
375 REFERENCES IN FILE CAPLUS (1907 TO DATE)

| | | |
|-----------|-----|------------|
| REFERENCE | 1: | 139:357803 |
| REFERENCE | 2: | 139:332692 |
| REFERENCE | 3: | 139:301750 |
| REFERENCE | 4: | 139:301704 |
| REFERENCE | 5: | 139:285472 |
| REFERENCE | 6: | 139:270948 |
| REFERENCE | 7: | 139:265824 |
| REFERENCE | 8: | 139:255056 |
| REFERENCE | 9: | 139:240042 |
| REFERENCE | 10: | 139:230479 |

PAGE 1-A

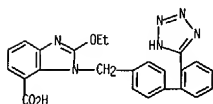


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L4 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS ON STN
RN 139481-59-7 REGISTRY
CN 1H-Benzimidazole-7-carboxylic acid, 2-ethoxy-1-[[2'-(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]- (9C1) (CA INDEX NAME)
OTHER NAMES:
CN 2-Ethoxy-1-[[2'-(1H-tetrazol-5-yl)biphenyl-4-yl]methyl]-1H-benzimidazole-7-carboxylic acid
CN Candesartan
CN Candesartan M1
CN CV 11974
FS 30 CONCORD
MF C24 H20 N6 O3
CI COM
SR CA
LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CBNB, CHEMCATS, CHEMLIST, CTN, DIOGENES, EMBASE, IMSRESEARCH, IPA, MEDLINE, MRCK*, PROMT, RTECS*, TOXCENTER, USAN, USPAT2, USPATFULL
(*file contains numerically searchable property data)

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L4 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)
REFERENCE 9: 139:301140
REFERENCE 10: 139:301139



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

390 REFERENCES IN FILE CA (1907 TO DATE)
9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
393 REFERENCES IN FILE CAPLUS (1907 TO DATE)

| | | |
|-----------|----|------------|
| REFERENCE | 1: | 139:375012 |
| REFERENCE | 2: | 139:374276 |
| REFERENCE | 3: | 139:358423 |
| REFERENCE | 4: | 139:358417 |
| REFERENCE | 5: | 139:332708 |
| REFERENCE | 6: | 139:317069 |
| REFERENCE | 7: | 139:317022 |
| REFERENCE | 8: | 139:301164 |

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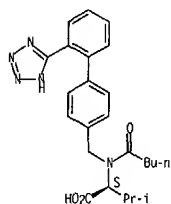
Page 7

=> s valsartan/cn
L5 1 VALSARTAN/CN

=> d ide can

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 137862-53-4 REGISTRY
 CN L-Valine, N-(1-oxopentyl)-N-[[2'-(1H-tetrazol-5-yl)][1,1'-biphenyl]-4-ylmethyl]- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN CGP 48933
 CN Diovan
 CN Nisus
 CN Tareg
 CN Valsartan
 FS STEREOSEARCH
 DR 186597-74-0
 HF C24 H29 N5 O3
 CI COM
 SR CA
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBMB, CEN, CHEMCATS, CIN, DDFU, DIOGENES, DRUGU, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, PHAR, PROMT, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPATZ, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

452 REFERENCES IN FILE CA (1907 TO DATE)
 5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 455 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:375012

L5 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)

REFERENCE 2: 139:374677
 REFERENCE 3: 139:374675
 REFERENCE 4: 139:374667
 REFERENCE 5: 139:374109
 REFERENCE 6: 139:354463
 REFERENCE 7: 139:345624
 REFERENCE 8: 139:333072
 REFERENCE 9: 139:332690
 REFERENCE 10: 139:332162

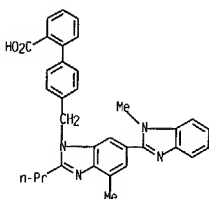
=> s telmisartan/cn

L6 1 TELMISARTAN/CN

=> d ide can

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 144701-48-4 REGISTRY
 CN [1,1'-Biphenyl]-2-carboxylic acid, 4'-[(1,4'-dimethyl-2'-propyl[2,6'-bi-1H-benzimidazol]-1'-yl)methyl]- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 4'-[[4-Methyl-6-(1-methyl-2-benzimidazolyl)-2-propyl-1-benzimidazolyl]methyl]-2-biphenylcarboxylic acid
 CN B1BR 277
 CN B1BR 277SE
 CN Micardis
 CN Pritor
 CN Telmisartan
 FS 3D CONCORD
 MF C33 H30 N4 O2
 CI COM
 SR CA
 LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSICHEM, DDFU, DIOGENES, DRUGU, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, PHAR, PROMT, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: WHO

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)
 REFERENCE 1: 139:377743
 REFERENCE 2: 139:375012
 REFERENCE 3: 139:374665
 REFERENCE 4: 139:358364
 REFERENCE 5: 139:332750
 REFERENCE 6: 139:316443
 REFERENCE 7: 139:316442
 REFERENCE 8: 139:301174
 REFERENCE 9: 139:285472
 REFERENCE 10: 139:270158



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

200 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 201 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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Page 11

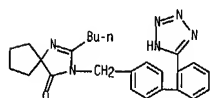
=> s irbesartan/cn

L7 1 IRBESARTAN/CN

=> d ide can

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
 RN 138402-11-6 REGISTRY
 CN 1,3-Diazaspiro[4.4]non-1-en-4-one, 2-butyl-3-[[2'-(1H-tetrazol-5-yl)][1,1'-biphenyl]-4-yl]methyl]- (9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN 2-Butyl-3-[p-(o-(1H-tetrazol-5-yl)phenyl)benzyl]-1,3-diazaspiro[4.4]non-1-en-4-one
 CN Aprovel
 CN Avapro
 CN BMS 186295
 CN Irbesartan
 CN Karvea
 CN SR 47436
 FS 3D CONCORD
 MF C25 H28 N6 O
 CI COM
 SR CA
 LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, DDFU, DIOGENES, DRUGU, EMBASE, IMSDRUGNEWS, IMPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, PHAR, PROMT, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: WHO

L7 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)
 REFERENCE 4: 139:358431
 REFERENCE 5: 139:358402
 REFERENCE 6: 139:358381
 REFERENCE 7: 139:345609
 REFERENCE 8: 139:333072
 REFERENCE 9: 139:332784
 REFERENCE 10: 139:316976



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

437 REFERENCES IN FILE CA (1907 TO DATE)
 9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 438 REFERENCES IN FILE CAPLUS (1907 TO DATE)

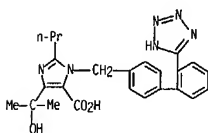
REFERENCE 1: 139:375489
 REFERENCE 2: 139:375012
 REFERENCE 3: 139:374627

=> s olmesartan/cn
L8 1 OLMESARTAN/CN

=> d ide can

LB ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 144689-24-7 REGISTRY
CN 1H-Imidazole-5-carboxylic acid, 4-((1-hydroxy-1-methylethyl)-2-propyl-1-
[[2'-(1H-tetrazol-5-yl)(1,1'-biphenyl)-4-yl]methyl]- (9CI) (CA INDEX
NAME)
OTHER NAMES:
CN Olmesartan
CN RNH 6270
FS 3D CONCORD
MF C24 H26 N6 O3
SR CA
LC STN Files: ADISINSIGHT, BIOSIS, CA, CAPLUS, CHEMCATS, CHEMLIST, CIN,
IMSDRUGNEWS, IMPATENTS, IMSRESEARCH, IPA, PROMT, TOXCENTER, USAN,
USPATFULL

LB ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)
REFERENCE 9: 138:314583
REFERENCE 10: 138:313938



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

31 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
32 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:358380
REFERENCE 2: 139:345589
REFERENCE 3: 139:301683
REFERENCE 4: 139:255390
REFERENCE 5: 139:235477
REFERENCE 6: 139:17357
REFERENCE 7: 138:378867
REFERENCE 8: 138:343864

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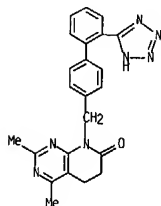
=> s tasosartan/cn

L9 1 TASOSARTAN/CN

=> d ide can

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
RN 145733-36-4 REGISTRY
CN Pyrido[2,3-d]pyrimidin-7(6H)-one, 5,8-dihydro-2,4-dimethyl-8-[[2'-{(1H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl)methyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Tasosartan
CN WAY-ANA 756
FS 3D CONCORD
DR 153042-16-1
MF C23 H21 N7 O
SR CA
LC STN Files: ADISINSIGHT, ADISNEWS, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, DIOGENES, EMBASE, IMSORUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MRCK*, MSDS-OHS, PHAR, PROMT, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: WHO

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN (Continued)
REFERENCE 4: 138:215317
REFERENCE 5: 138:180405
REFERENCE 6: 137:380012
REFERENCE 7: 137:358120
REFERENCE 8: 137:288447
REFERENCE 9: 137:253025
REFERENCE 10: 137:145599



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

61 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
62 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:255390
REFERENCE 2: 139:62484
REFERENCE 3: 138:265143

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=> log y

COST IN U.S. DOLLARS

SINCE FILE
ENTRY
57.39

TOTAL
SESSION
57.60

FULL ESTIMATED COST

STN INTERNATIONAL LOGOFF AT 11:27:05 ON 15 DEC 2003